

SILT FENCE NOTES:

- SILT FENCE SHALL CONFORM TO THE FOLLOWING:
- CONSTRUCT BEFORE UPSLOPE LAND DISTURBANCE BEGINS AS CLOSE TO THE CONTOUR AS POSSIBLE.
 - CONSTRUCT EACH END UPSLOPE TO HIGHER ELEVATION.
 - ANY VEGETATION REMOVED WITH 5' UPSLOPE OF FENCE SHALL BE REESTABLISHED WITHIN 7 DAYS.
 - MINIMUM HEIGHT - 16" ABOVE ORIGINAL GRADE.
 - INSTALL IN 6" DEEP X 4" WIDE UNIFORM TRENCH. PLACE WITH DOWNSLOPE SIDE OF STAKES ON GEOTEXTILE WITH 8" CLOTH BELOW GRADE. BACKFILL AND COMPACT TRENCH.
 - STAPLE FILTER MATERIAL TO STAKES AND EXTEND INTO TRENCH.
 - OVERLAP SEAMS OF FENCE SECTIONS WITH END STAKES BEFORE DRIVING INTO GROUND.
 - FENCE POSTS SHALL BE 2X2 HARDWOOD, 32" LONG (MIN) AT 10' SPACINGS (MAX).
 - BACKFILL AND COMPACT THE EXCAVATED FILL. J. SILT FENCE SHALL MEET:
 - GRAB TENSILE STRENGTH - 90 LB. (MIN) (ASTM D 1682)
 - MULLEN BURST STRENGTH - 190 PSL (MIN) (ASTM D 3786)
 - SLURRY FLOW RATE - 0.3 GAL/MIN/SQ FT (MAX)
 - EQUIVALENT OPENING SIZE - 40-80 (US STD. SEIVE CW-02215)
 - ULTRAVIOLET RADIATION STABILITY - 90

HOUSE DETAIL

NOT TO SCALE

S/L 10

S/L 11

S/L 12

CURVE TABLE					
CURVE	LENGTH	RADIUS	DELTA	TANGENT	CHORD
A	75.00'	123.82'	94°35'42"	81.27'	110.23'
					N36°27'24"E

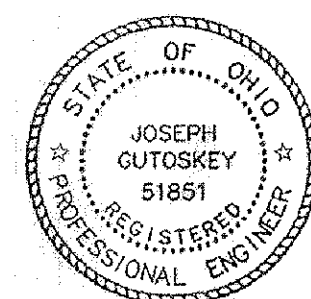
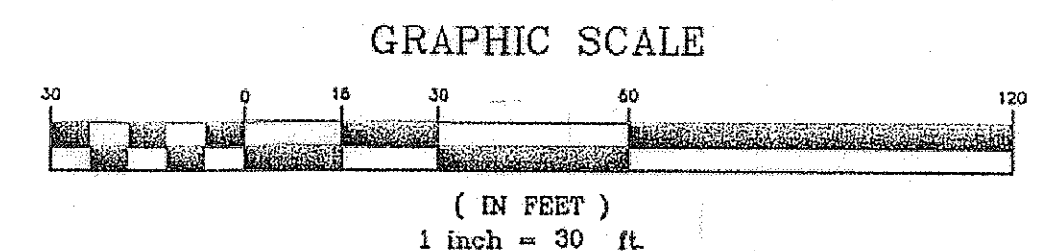
LEGEND

- TEMP. SEEDING & MULCHING
- SILT FENCE

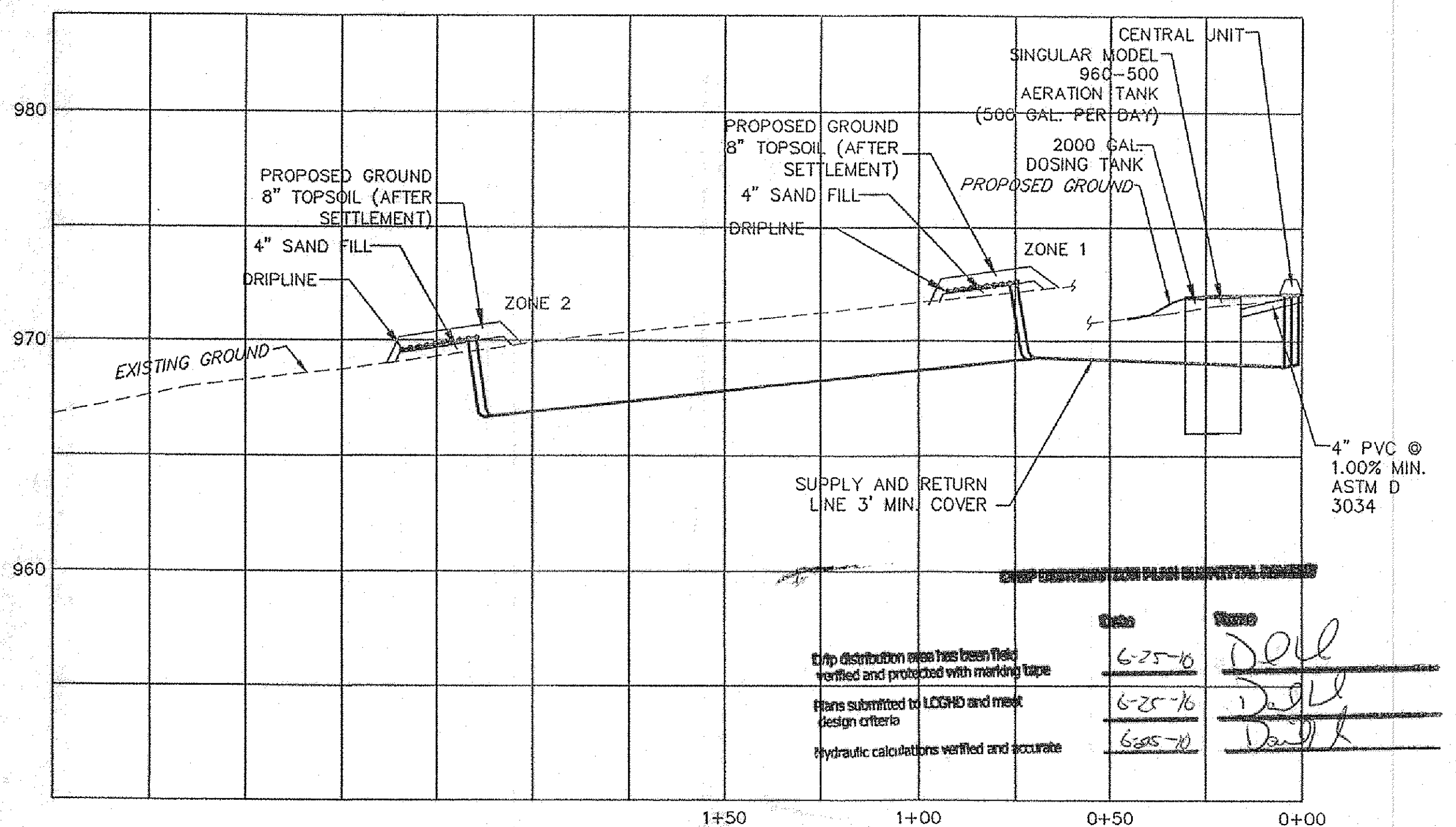
NOTE: SEEDING OR MULCHING SHALL BE COMPLETED WITHIN 30 DAYS OF COMPLETION OF HOUSE.

LIMIT OF DISTURBANCE: AS SHOWN ON PLAN

- 5/8" IRON PIN FOUND
- GUTOSKEY PS 7567
- SCREEN BARRIERS



JOSEPH GUTOSKEY
P.E. No. 51851



SITE SOIL DATA

SOIL CHARACTERISTICS				SLOPE	
				0-4%	
TEXTURE	STRUCTURE		INFILTRATION LOADING RATE (GAL/DAY/FT ²)	INFILTRATION DISTANCE, IN.	
	SHAPE	GRADE		8-12"	
SIL	GR	2	0.6 0.8	2.7 (2.40 ACTUAL)	

TAKEN FROM A TABLE BY E. JERRY TYLER (0.12 ACTUAL)
NOTE: THE DESIGN USED IS MORE CONSERVATIVE THAN VALUES FROM REFERENCE LOADING TABLES.

Check distribution area has been verified and protected with marking tape
Plans submitted to LGHD and meet design criteria
Hydraulic calculations verified and accurate

6-25-10
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DOE
DOE
DOE

20TH CENTURY CONSTRUCTION
S/L 11
CHAPIN LEDGES SUBDIVISION
KIRTLAND - COUNTY OF LAKE, OHIO

GUTOSKEY & ASSOCIATES, INC.
Civil Engineers, Surveyors and Land Planners
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SITE PLAN

Date: MAY, 2010
Scale: Hor. 1"=30'
Vert. 1"=9'
Drawn By: G.A.
Checked By: J.G.
F.B. #:
Sheet 1 of 3
CONTRACT No. 10-2535